

FIG. 1

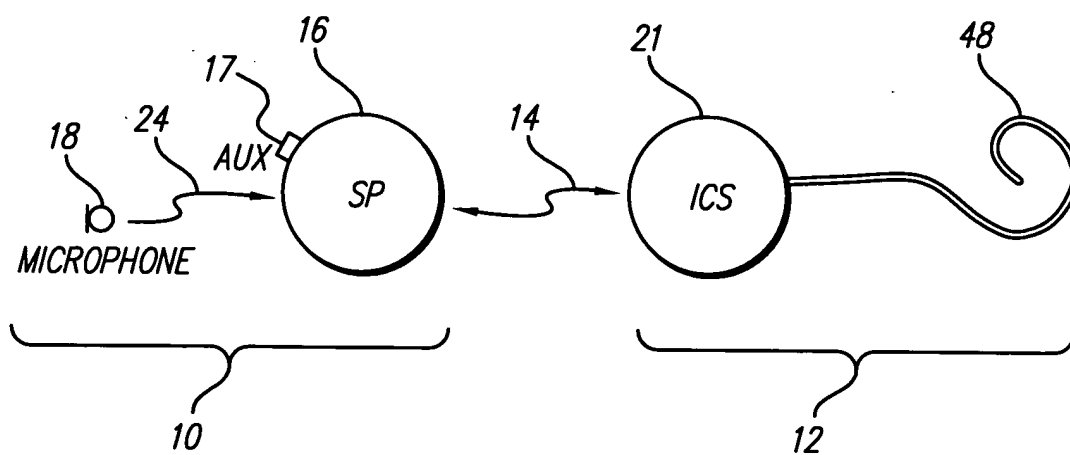


FIG. 2A

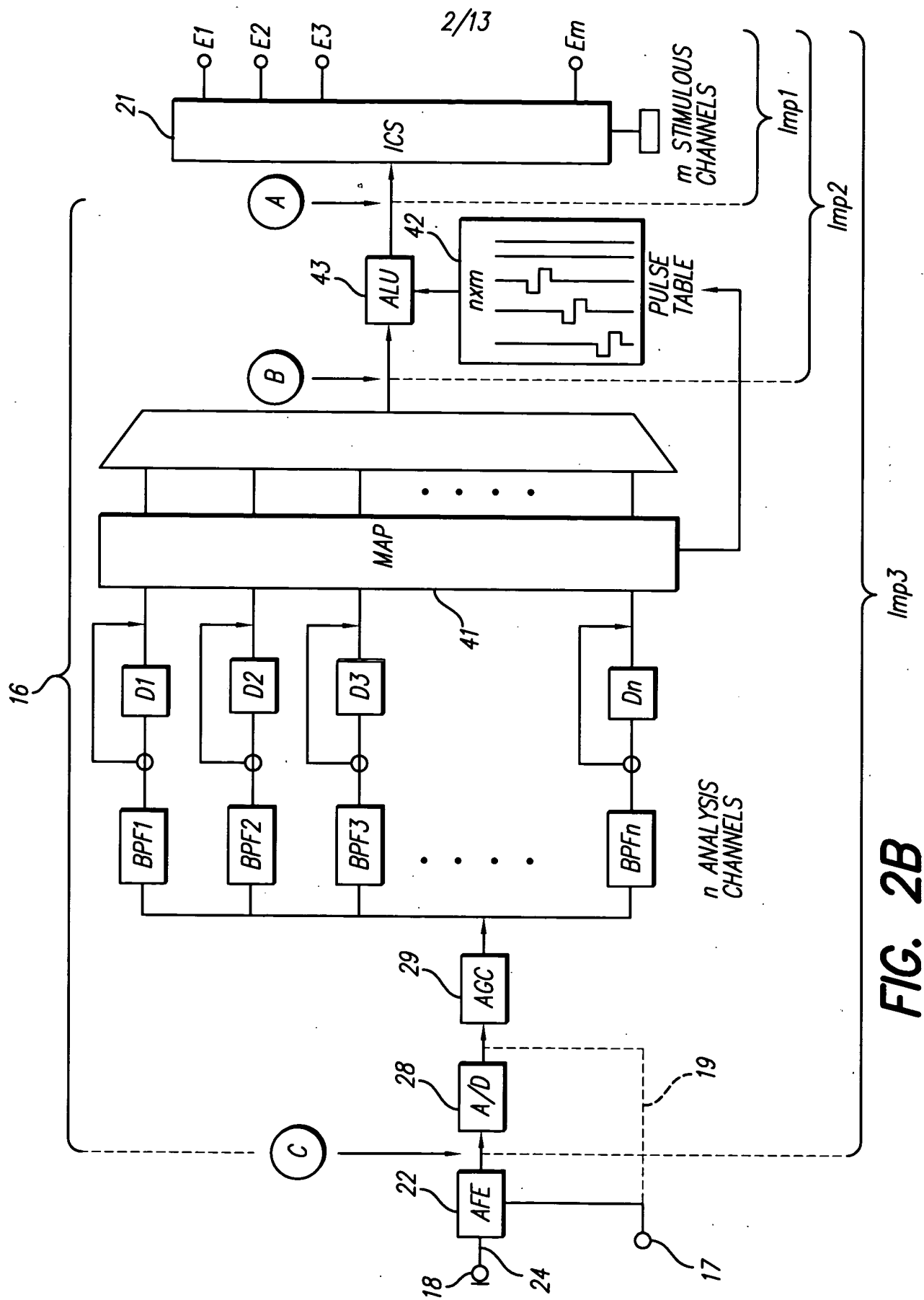
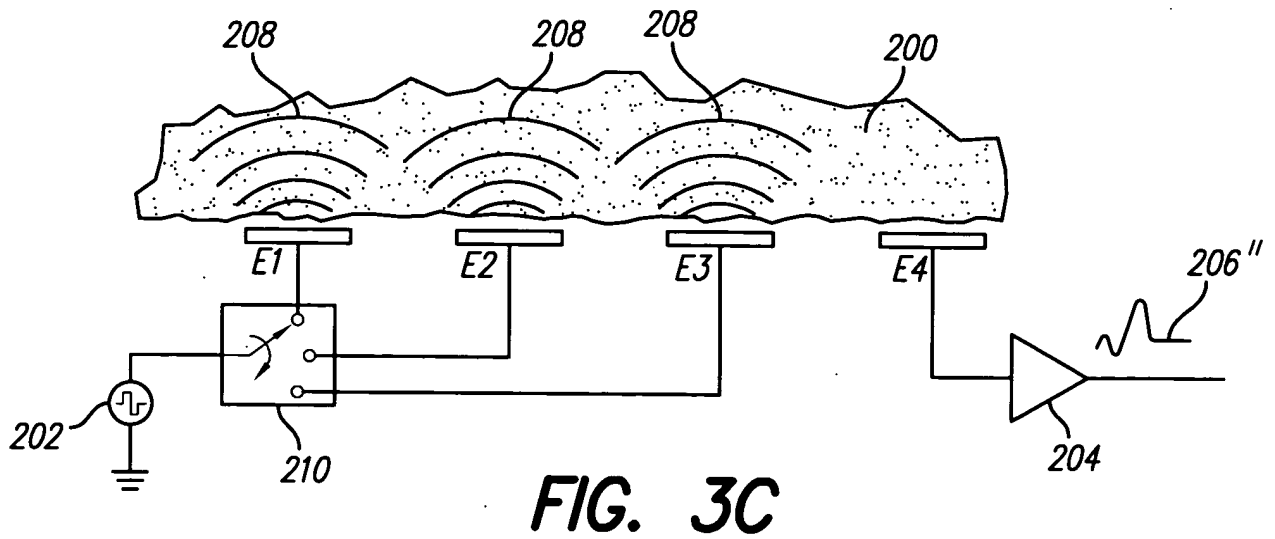
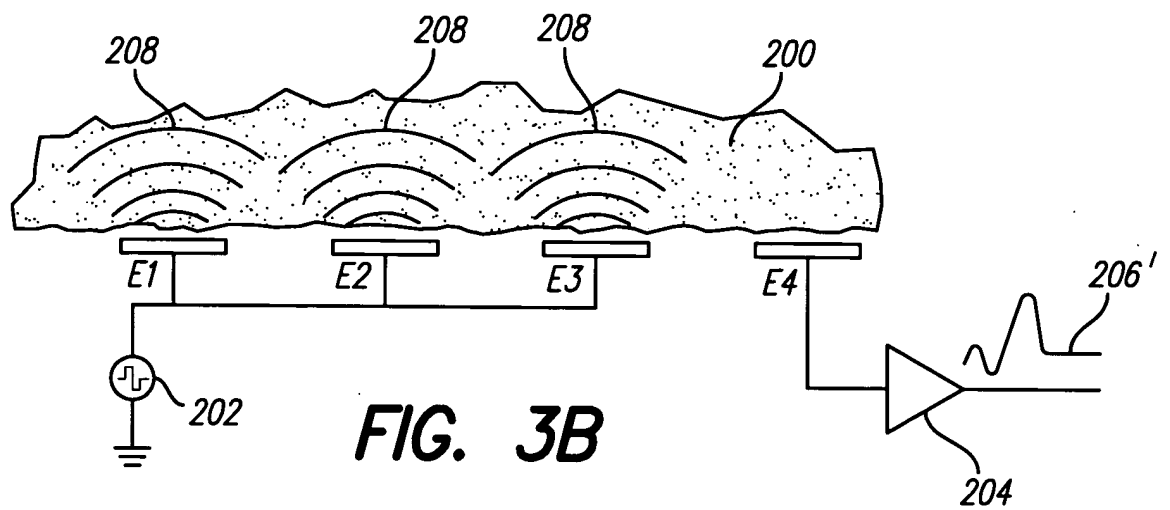
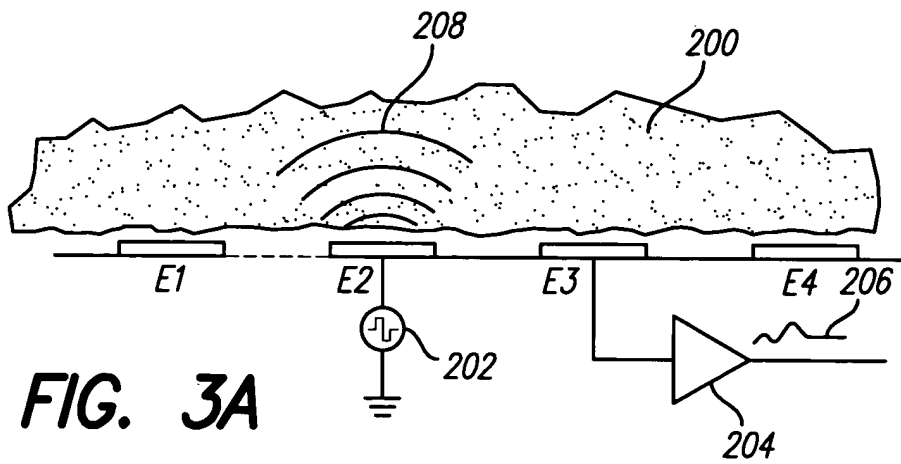
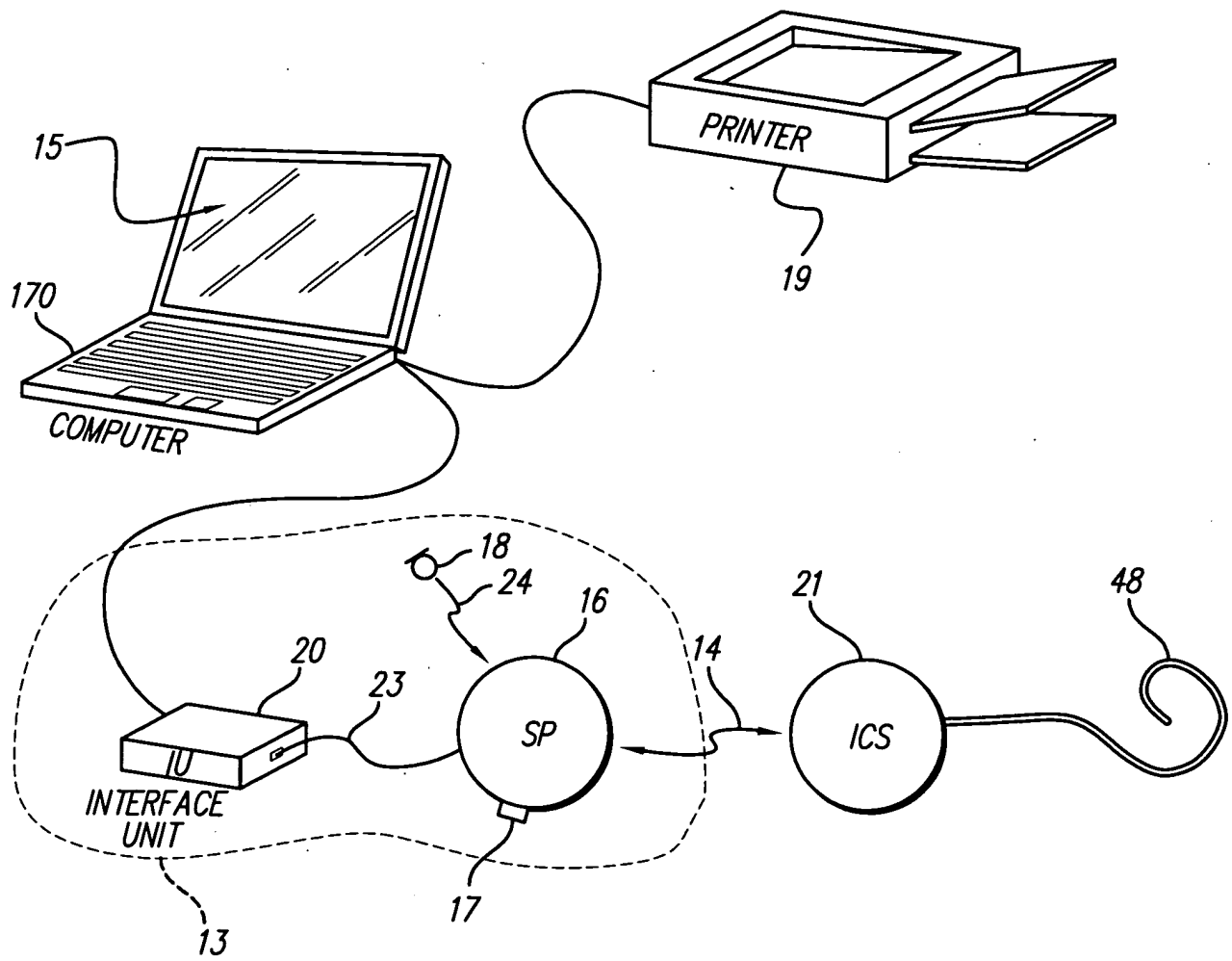
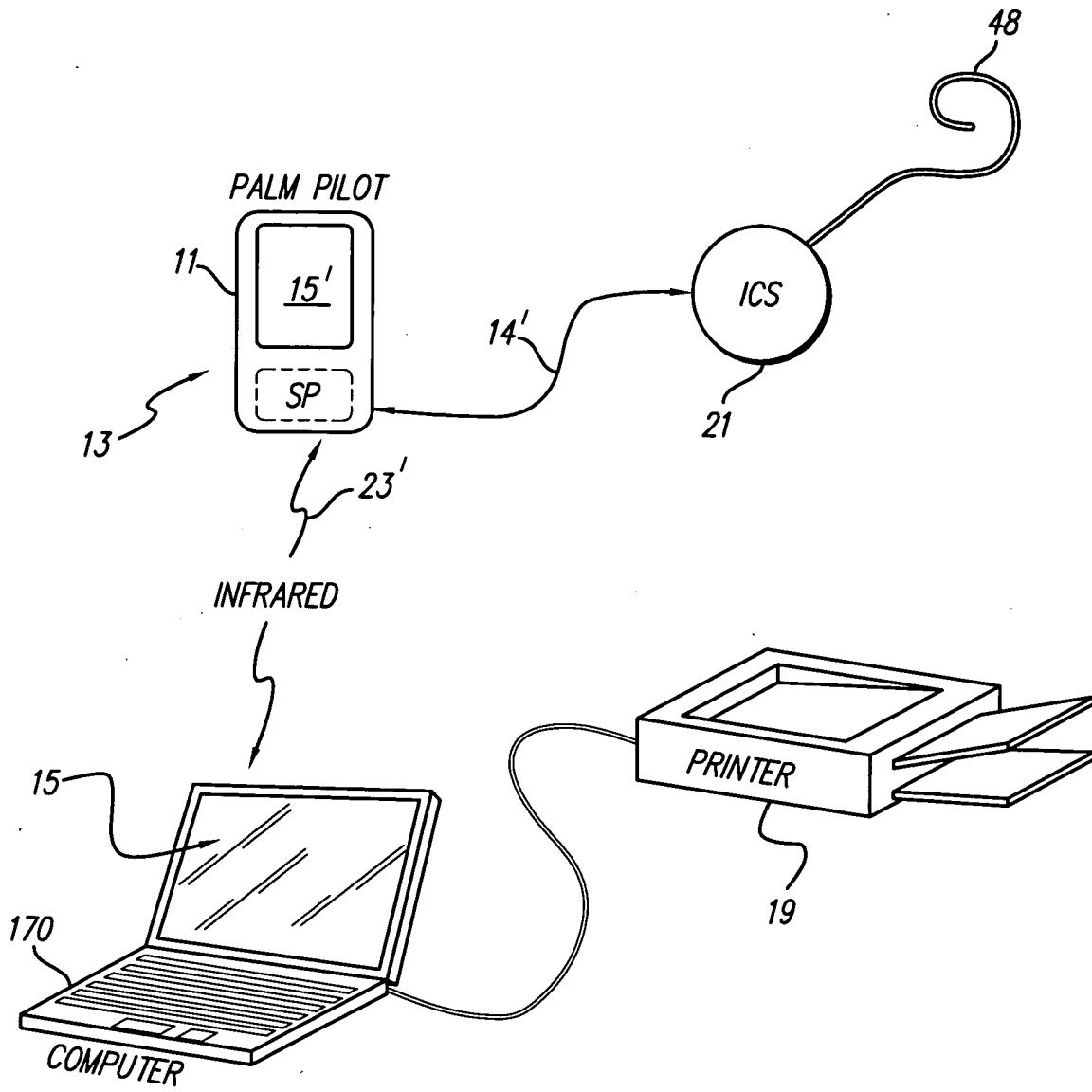


FIG. 2B

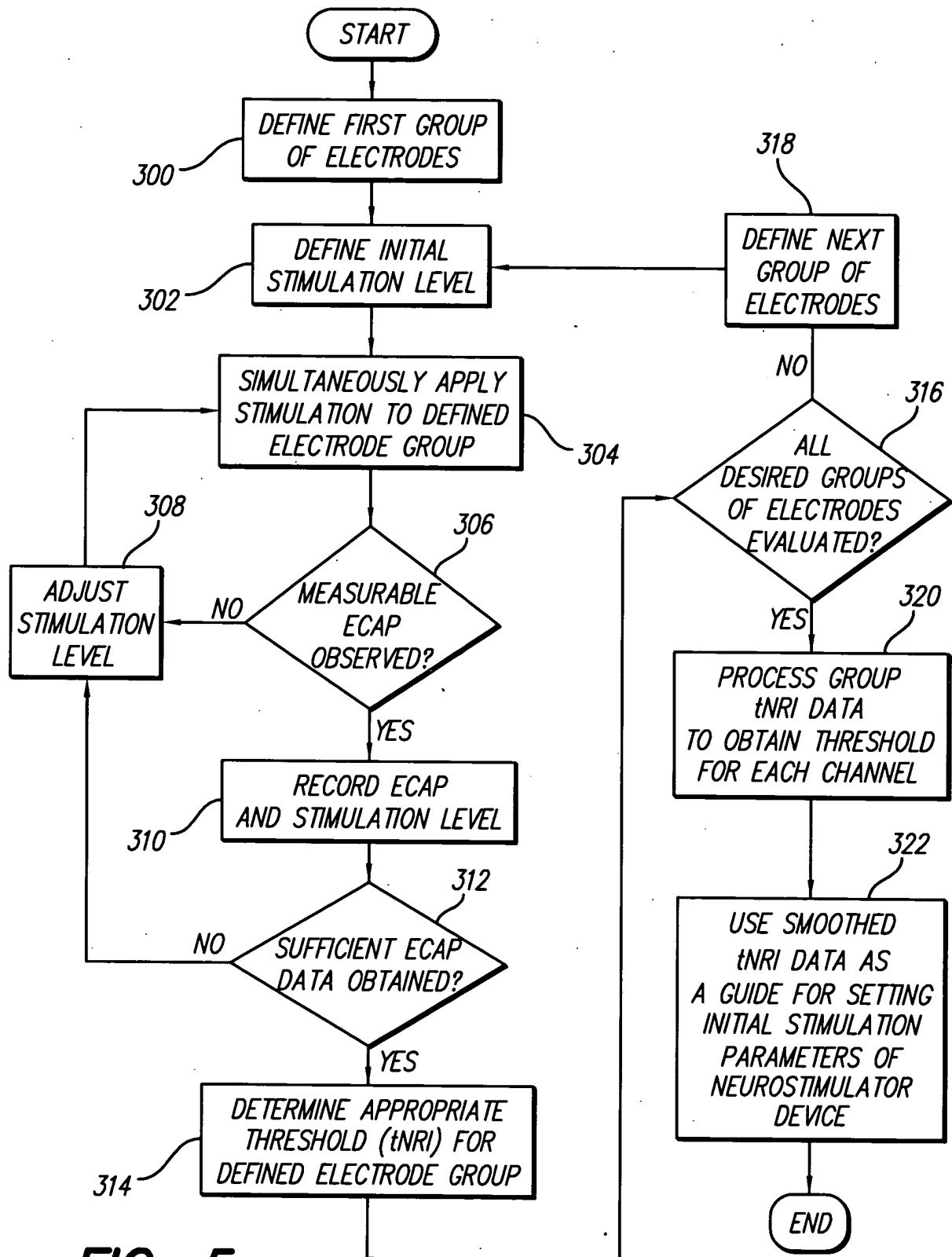




**FIG. 4A**



**FIG. 4B**

**FIG. 5**

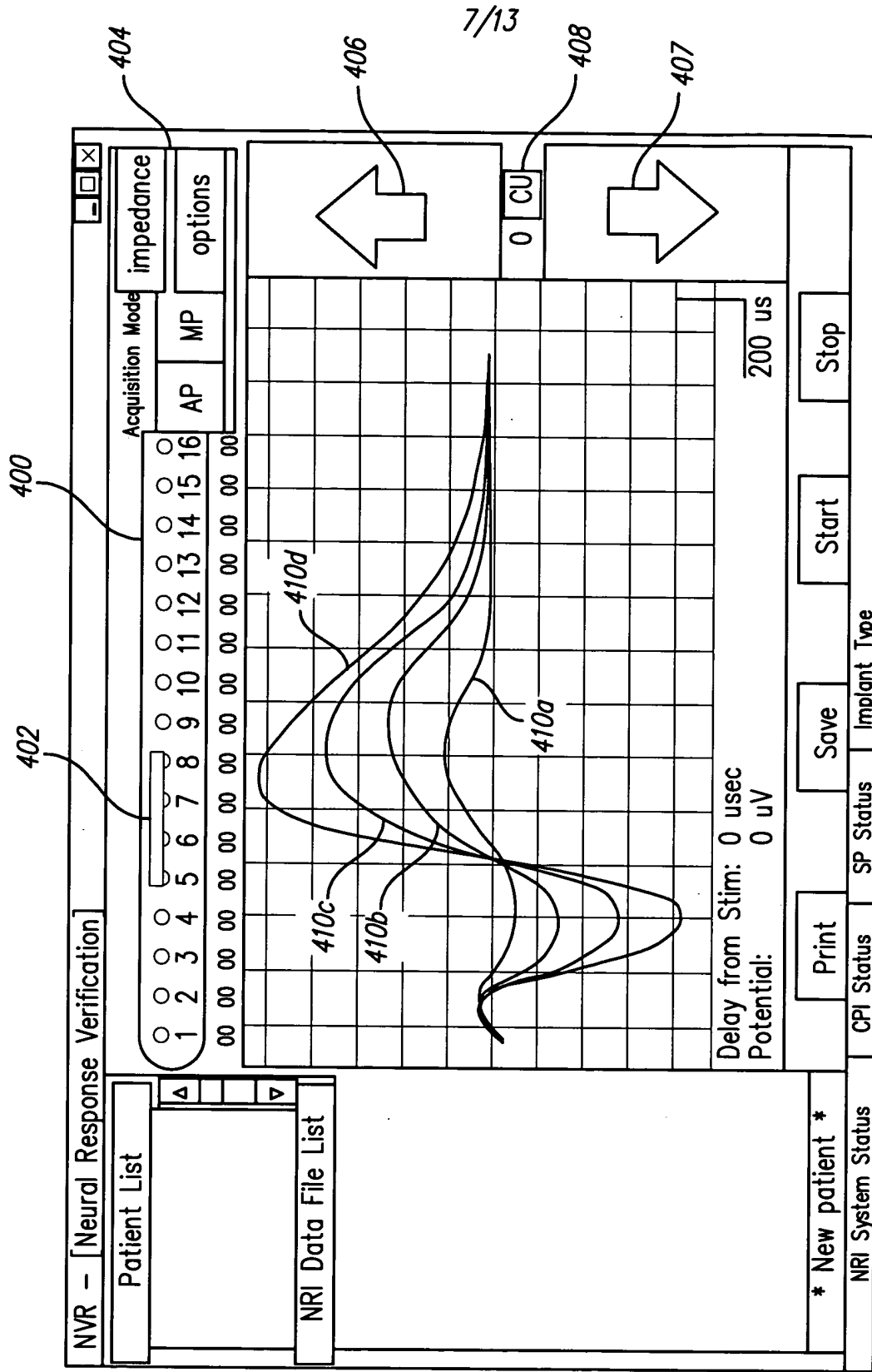


FIG. 6A

NVR - [Neural Response Verification]
404

Patient List

NRI Data File List

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 ☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16

Acquisition Mode  

AP

MP

☐ impedance  
☐ options

Manual plot

Macro

Grouping

Defaults

OK

CANCEL

0 CUI

↑

↓

Delay from Stim: 0 usec

200 us

Potential: 0 uV

\* New patient \*

Print

Save

Start

Stop

NRI System Status

CPI Status

SP Status

Implant Type

412

FIG. 6B



**FIG. 6C**

**FIG. 6D**

**FIG. 6D**

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404

426

NVR - [Neural Response Verification]

☐ 1
 ☐ 2
 ☐ 3
 ☐ 4
 ☐ 5
 ☐ 6
 ☐ 7
 ☐ 8
 ☐ 9
 ☐ 10
 ☐ 11
 ☐ 12
 ☐ 13
 ☐ 14
 ☐ 15
 ☐ 16

AP	clear all	Start	Stop	Step	Averages
On/Off	Group	250	50	50	64
On	1(1-4)	250	50	50	64
On	2(5-8)	250	50	50	64
On	3(9-12)	250	50	50	64
On	4(13-16)	250	50	50	64

NRI Macro Data File List

Delay from Stim: 0 usec

200 us

Potential: 0 uV

NRI System Status
CPI Status
SP Status
Implant Type

FIG. 6E

**FIG. 6F**

**FIG. 6G**

Group of 4 contacts that were Stimulated together with markers denoting the value of the tNRI to be referenced to a program or used to generate a program